AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A method, comprising:

   transmitting a low activity request message including proposed low activity parameters from a polling device to a polled device, wherein the low activity parameters specify a number of polling messages the polling device may refrain from transmitting;

   receiving a low activity response message from the polled device; and

   entering a low activity mode based on the set of parameters included in the low activity request message, wherein the low activity mode reduces power consumption in the polling device.

2. (Canceled).

3. (Canceled).

4. (Previously Presented) The method of claim 1, wherein:

   during said processing of the low activity messages, the polling device and the polled device each transmit at least one additional message.

5. (Previously Presented) The method of claim 4, wherein:

   said at least one additional message transmitted by the polled device indicates the number of polling messages to which the polled device will not respond during the low activity mode.

6. (Previously Presented) The method of claim 4, wherein:

   said at least one additional message transmitted by the polling device indicates the number of polling messages the polling device may refrain from transmitting during the low activity mode.

7.   (Original) The method of claim 4, wherein the low activity mode is asymmetrical,
      wherein the polled device and the polling device enter low activity modes of different
      time durations.

8.   (Previously Presented) The method of claim 4, wherein the low activity mode is
      symmetrical, wherein the polled device and the polling device enter low activity modes
      of equal time durations.

9.   (Previously Presented) The method of claim 4, wherein the polling and polled devices
      implement a modified Bluetooth wireless communication protocol.

10.   (Original) The method of claim 9, wherein a Bluetooth master device assumes a polling
      device role.

11.   (Canceled).

12.   (Previously Presented) The method of claim 4, wherein the polling and polled devices
      implement a modified low-end radio wireless communication protocol.

13.   (Previously Presented) A polling device, comprising:
            a memory configured to store instructions; and
            a processor configured to process said instructions to cause the polling device to:
                  transmit from the polling device a low activity request message to a polled
            device, the low activity request message including proposed low activity
            parameters, wherein the low activity request parameters specify a proposed
            number of polling messages the polling device may refrain from transmitting;
                  receive a low activity response message from the polled device; and
                  enter a low activity mode for a time interval based on parameters from the
            low activity messages, wherein the low activity mode reduces power consumption
            in the polling device.

14.   (Canceled).

15.   (Previously Presented) The polling device of claim 13, wherein:

        the low activity response message accepts the low activity parameters.

16.   (Previously Presented) The polling device of claim 13, wherein:

        the low activity response message rejects the low activity parameters in the low activity request message.

17.   (Previously Presented) The polling device of claim 16, wherein:

        the low activity response message includes proposed new low activity parameters.

18.   (Previously Presented) The polling device of claim 17, further comprising instructions for causing the polling device to:

        transmit an updated low activity request message based on the proposed new low activity parameters from the polling device; and

        receive a new low activity response message accepting the updated low activity request message.

19.   (Canceled).

20.   (Previously Presented) The polling device of claim 13, wherein the polling and polled devices implement a modified low-end radio communication protocol.

21.   (Previously Presented) A polled device, comprising:

        a memory configured to store instructions; and

        a processor configured to process said instructions to cause the polled device to:

        receive from a polling device a low activity request message including low activity parameters, wherein the low activity parameters specify a maximum number of polling messages occurring before the polling device accesses a data transfer channel;

transmit a low activity response message to the polling device; and

maintaining connection with the polling device for a time interval the

polling device may refrain from accessing a data transfer channel in accordance

with low activity parameters included in the low activity message.

22.   (Canceled).

23.   (Previously Presented) The polled device of claim 21, wherein:

the low activity response message accepts the low activity parameters in the low

activity request message.

24.   (Previously Presented) The polled device of claim 21, wherein:

the low activity response message rejects the low activity parameters in the low

activity request message.

25.   (Previously Presented) The polled device of claim 24, wherein:

the low activity response message includes proposed new low activity parameters.

26.   (Previously Presented) The polled device of claim 25, further comprising instructions for

causing the polled device to:

receive an updated low activity request message based on the proposed new low

activity parameters from the polling device; and

transmit a new low activity response message accepting the updated low activity

request message.

27.   (Canceled).

28.   (Previously Presented) The polled device of claim 21, wherein the polling and polled

devices implement a modified Low End Radio communication protocol.

29.   (Previously Presented) A method, comprising:

transmitting polling messages to at least one polled device according to a general

polling mode and a request to the at least one polled device to enter a low activity polling

mode, wherein the low activity mode request includes a set of low activity polling mode

parameters indicating a number of polling messages to which the polled device may

refrain from responding;

receiving a response message from the at least one polled device; and

entering a low activity polling mode, wherein during the low activity polling

mode the polled device refrains from accessing a data transfer channel for a time interval

in accordance with the set of low activity polling mode parameters.

30.   (Original) The method of claim 29, wherein the time interval is derived from a

negotiation between the polling and polled devices.

31.   (Original) The method of claim 29, wherein:

a periodicity of polling message transmissions in the low activity polling mode is

specified in the transmitted low activity mode request.

32.   (Original) The method of claim 29, wherein the general polling mode further comprises:

the periodicity associated with transmitting the polling messages is defined by a

fixed time-interval, wherein said fixed time-interval commences following receipt of said

response message.

33.   (Original) The method of claim 29, wherein the general polling mode further comprises:

the periodicity associated with transmitting the polling messages is defined by a

fixed time-interval, wherein said fixed time-interval commences at the end of a previous

polling message, if no response message has been detected.

34.   (Previously Presented) The method of claim 29, wherein:

the low activity mode is asymmetrical, whereby the at least one polled device

abstains from responding to at least one of the polling messages; and

a number of polling messages to which the at least one polled device can abstain from responding to is specified in a parameter defined in the low activity mode request.

35. (Previously Presented) The method of claim 29, wherein:

the low activity mode is asymmetrical, whereby the polling device abstains from transmitting at least one of the polling messages; and

a number of polling messages to which the polling device can refrain from transmitting is specified in a parameter defined in the low activity mode request.

36. (Original) The method of claim 29, further comprising:

transmitting a message modifying the low activity time-interval after low activity data transfer has occurred.

37. (Original) The method of claim 29, further comprising:

conducting carrier sensing multiple access with collision avoidance for determining that there are no transmission conflicts prior to transmitting polling messages.

38. (Previously Presented) A communication device, comprising:

a memory configured to store instructions; and

a processor configured to process said instructions to cause the communication device to:

transmit polling messages to at least one polled device according to a general polling mode and transmit a low activity polling mode request to the at least one polled device, wherein the low activity polling mode request includes at least one of a number of polling messages to which the communication device will not respond and a number of polling messages that the communication device will refrain from transmitting during the low activity polling mode;

receive a response message from the at least one polled device, containing a response to the low activity polling mode request;

enter a low activity polling mode, wherein during the low activity polling
mode the communication device refrains from accessing a data transfer channel
for a time interval in accordance with an accepted set of low activity polling mode
parameters.

39.   (Previously Presented) The communication device of claim 38, wherein the time interval
is derived from a negotiation between the communication device and polled device.

40.   (Currently Amended) A ~~computer-readable medium,~~ computer program product
comprising <u>computer executable program code recorded on a computer readable storage
medium, the computer executable program code comprising</u>:
        ~~a computer-executable program stored in said computer-readable medium,
wherein said computer-executable program includes instructions to cause a
communication device to:~~
        <u>code configured to</u> transmit polling messages to at least one polled device
according to a general polling mode and transmit a low activity polling mode request to
the at least one polled device, wherein the low activity polling mode request includes at
least one of a number of polling messages to which the communication device will not
respond and a number of polling messages that the communication device will refrain
from transmitting during the low activity polling mode;
        <u>code configured to</u> receive a response message from the at least one polled device,
containing a response to the low activity polling mode request;
        <u>code configured to</u> enter a low activity polling mode, wherein during the low
activity polling mode the communication device refrains from accessing a data transfer
channel for a time interval in accordance with an accepted set of low activity polling
mode parameters.

41.   (Currently Amended) The ~~computer-readable medium~~ <u>computer program product</u> of
claim 40, wherein the time interval is derived from a negotiation between the
communication device and the polled device.

42.   (Currently Amended) A computer program product comprising computer executable program code recorded on a computer readable <u>storage</u> medium, <u>the computer executable program code</u> comprising:

       ~~computer program~~ code configured to transmit a low activity request message including proposed low activity parameters from a polling device to a polled device, wherein the low activity parameters specify a number of polling messages the polling device may refrain from transmitting;

       ~~computer program~~ code configured to receive a low activity response message from the polled device; and

       ~~computer program~~ code configured to enter a low activity mode based on the set of parameters included in the low activity request message, wherein the low activity mode reduces power consumption in the polling device.

43.   (Currently Amended) A computer program product comprising computer executable program code recorded on a computer readable <u>storage</u> medium, <u>the computer executable program code</u> comprising:

       ~~computer program~~ code configured to transmit polling messages to at least one polled device according to a general polling mode and a request to the at least one polled device to enter a low activity polling mode, wherein the low activity mode request includes a set of low activity polling mode parameters indicating a number of polling messages to which the polled device may refrain from responding;

       ~~computer program~~ code configured to receive a response message from the at least one polled device; and

       ~~computer program~~ code configured to enter a low activity polling mode, wherein during the low activity polling mode the polled device refrains from accessing a data transfer channel for a time interval in accordance with the set of low activity polling mode parameters.

44.   (Original) An apparatus, comprising:

       a processor, the processor being configured to:

transmit polling messages to at least one polled device according to a
general polling mode and a request to the at least one polled device to enter a low
activity polling mode, wherein the low activity mode request includes a set of low
activity polling mode parameters indicating a number of polling messages to
which the polled device may refrain from responding;

receive a response message from the at least one polled device; and

enter a low activity polling mode, wherein during the low activity polling
mode the polled device refrains from accessing a data transfer channel for a time
interval in accordance with the set of low activity polling mode parameters.

The following NEW claims are now presented for consideration by the Examiner:

45.   (NEW) A method, comprising:

transmitting a low activity polling mode request to a polled device, wherein the
low activity polling mode request includes a set of low activity polling mode parameters
indicating a number of polling messages to which the polled device may refrain from
responding;

receiving a response message from the at least one polled device; and

entering a low activity polling mode, wherein during the low activity polling
mode the polled device refrains from accessing a data transfer channel for a time interval
in accordance with the set of low activity polling mode parameters.

46.   (NEW) An apparatus, comprising:

at least one processor; and

at least one memory including executable instructions, the at least one memory
and the executable instructions being configured to, in cooperation with the at least one
processor, cause the apparatus to perform at least the following:

transmit a low activity polling mode request to a polled device, wherein
the low activity polling mode request includes a set of low activity polling mode
parameters indicating a number of polling messages to which the polled device
may refrain from responding;

receive a response message from the at least one polled device; and

enter a low activity polling mode, wherein during the low activity polling mode the polled device refrains from accessing a data transfer channel for a time interval in accordance with the set of low activity polling mode parameters.